



## **CURRENT ELECTRICITY**

### **from the series *Electricity and Magnetism***

# **P O S T - T E S T**

**Directions: Answer the following questions in the space provided.**

**1. What three things are needed for a complete circuit?**

Power Source, Conductor, and Load

**2. What is a conductor?**

Any Material That allows electricity to pass through with relative ease

**3. What is an insulator?**

Any Material that resists electricity pretty well

**4. What is a series circuit?**

A circuit that has multiple loads in a row

**5. What is a parallel circuit?**

A circuit that has different paths with loads

**6. How does a circuit breaker protect a home?**

A circuit breaker controls power flow throughout a home before the electricity enters the home

**7. Why are parallel circuits used in homes instead of series circuits?**

Because Parallel circuits are more reliable

**8. What is a short circuit?**

When the circuit doesn't have enough resistors and the conductor melts

**9. What is current electricity?**

the Flow of electricity

**10. Draw a parallel circuit to connect these two bulbs with the dry cell.**

